

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80431

Participation : CTR

Employer : GE

Status : Affected

Worksite : GE Grid Solutions

Survey Type : Online

Street : 10865 Willows Rd Ne Bldg E

Response Rate : 41%

Jurisdiction : City of Redmond

Survey Date : 11/27/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 36.8%

Drive Alone Rate : 63.2%

One-Way VMT per employee : 10.5

Average One-Way distance home to work : 15.0

Employees and Survey Response Information

Reported Total Employees at Worksite: 312

Surveys Distributed : 312

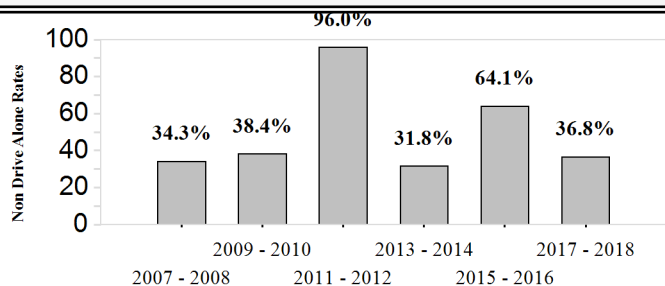
Surveys Returned : 127

Surveys Returned by CTR Affected* Employees : 113

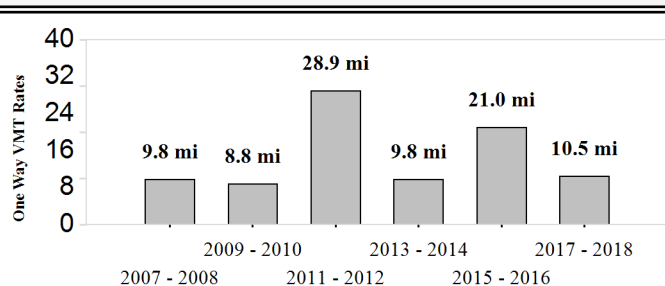
Total Estimated CTR Affected Employees at Worksite : 278

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets
Annual Metric Tons CO₂e Pounds CO₂e

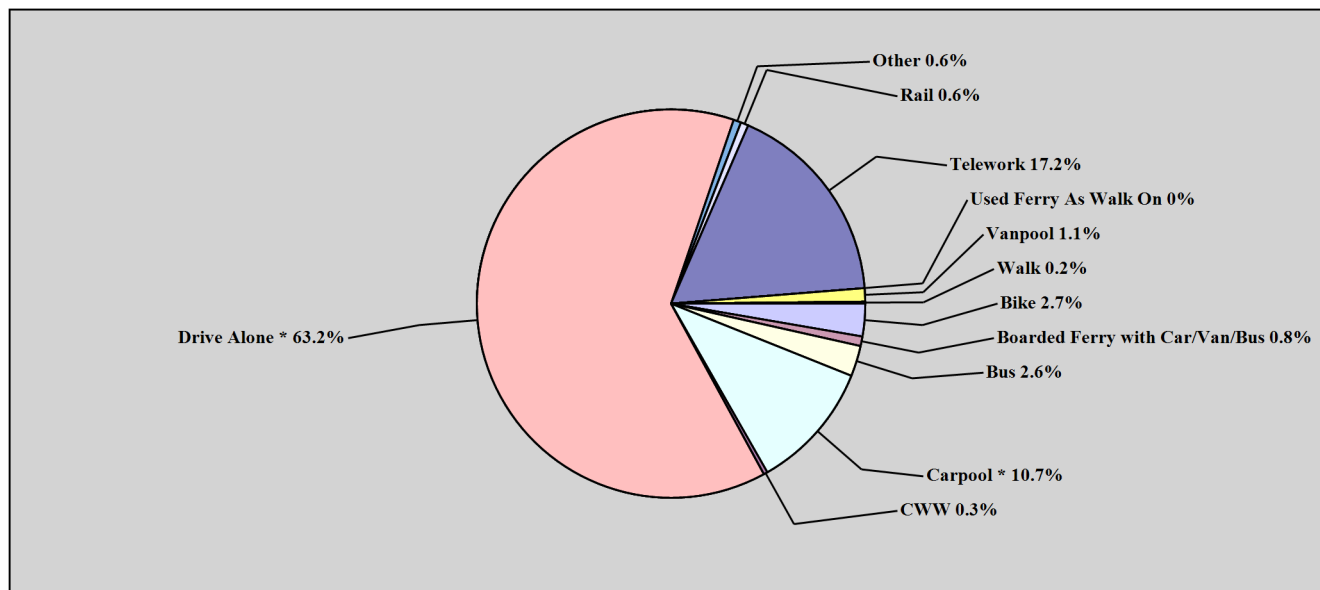
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	34.3%	36.5%	448	617	17.4	9.8	9.9
2009 - 2010	38.4%	38.5%	402	611	17.3	8.8	8.6
2011 - 2012	33.2%	34.1%	351	700	19.8	9.5	9.3
2011 - 2012	31.4%	34.6%	440	818	23.1	9.7	9.6
2011 - 2012	31.4%	34.6%	440	818	23.1	9.7	9.6
2013 - 2014	31.8%	31.8%	656	926	26.2	9.8	10.0
2015 - 2016	29.3%	30.2%	605	1031	29.1	10.9	11.3
2015 - 2016	34.8%	34.2%	423	893	25.2	10.1	10.4
2017 - 2018	36.8%	36.5%	262	643	18.2	10.5	10.8
Target	40.3%				Target:	8.0	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	2.5				% Change from Baseline:	7.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



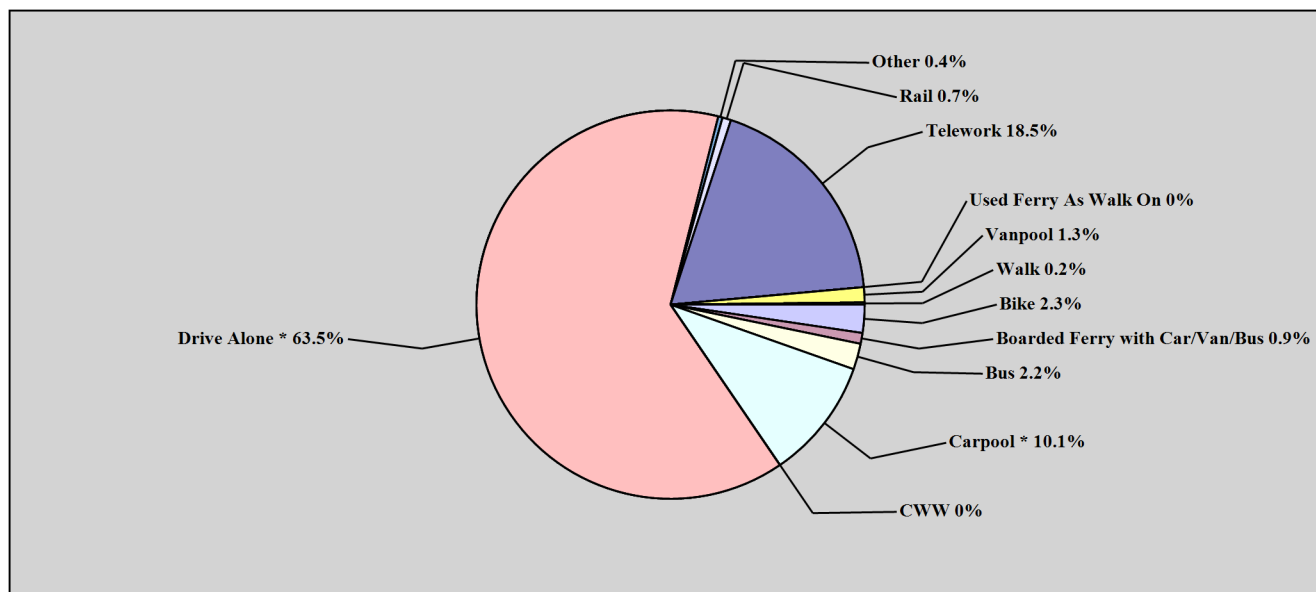
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	396	63.2%	65.2%	106	83.5%	79.3%
Carpool *	67	10.7%	10.6%	21	16.5%	18.7%
Vanpool	7	1.1%	1.4%	2	1.6%	2.0%
Bus	16	2.6%	3.4%	5	3.9%	6.4%
Rail	4	0.6%	0.3%	1	0.8%	1.0%
Bike	17	2.7%	4.6%	6	4.7%	9.4%
Walk	1	0.2%	0.7%	1	0.8%	2.0%
Telework	108	17.2%	11.9%	56	44.1%	37.4%
CWW	2	0.3%	0.0%	1	0.8%	0.0%
Boarded Ferry with Car/Van/Bus	5	0.8%	0.4%	2	1.6%	1.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	4	0.6%	1.4%	3	2.4%	2.5%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	353	63.5%	65.8%	94	83.2%	81.0%
Carpool *	56	10.1%	10.5%	17	15.0%	19.0%
Vanpool	7	1.3%	1.2%	2	1.8%	1.7%
Bus	12	2.2%	3.4%	4	3.5%	6.3%
Rail	4	0.7%	0.3%	1	0.9%	1.1%
Bike	13	2.3%	4.6%	5	4.4%	8.6%
Walk	1	0.2%	0.8%	1	0.9%	2.3%
Telework	103	18.5%	11.4%	51	45.1%	37.9%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	5	0.9%	0.5%	2	1.8%	1.1%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	2	0.4%	1.5%	2	1.8%	2.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	45	35%	127	100%
1 Days	26	20%	82	65%
2 Days	15	12%	56	44%
3 Days	12	9%	41	32%
4 Days	8	6%	29	23%
5 Days	20	16%	21	17%
6 or More Days	1	1%	1	1%

Count by Occupancy of Carpools and Vanpools

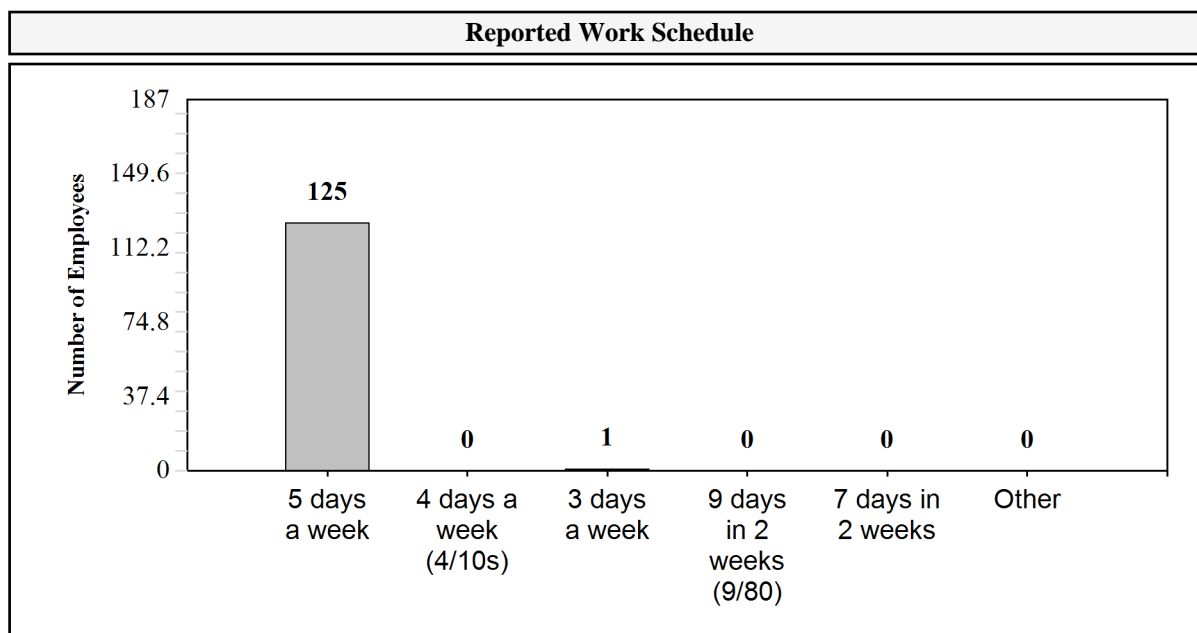
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	64
3	Carpool	3
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	7
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

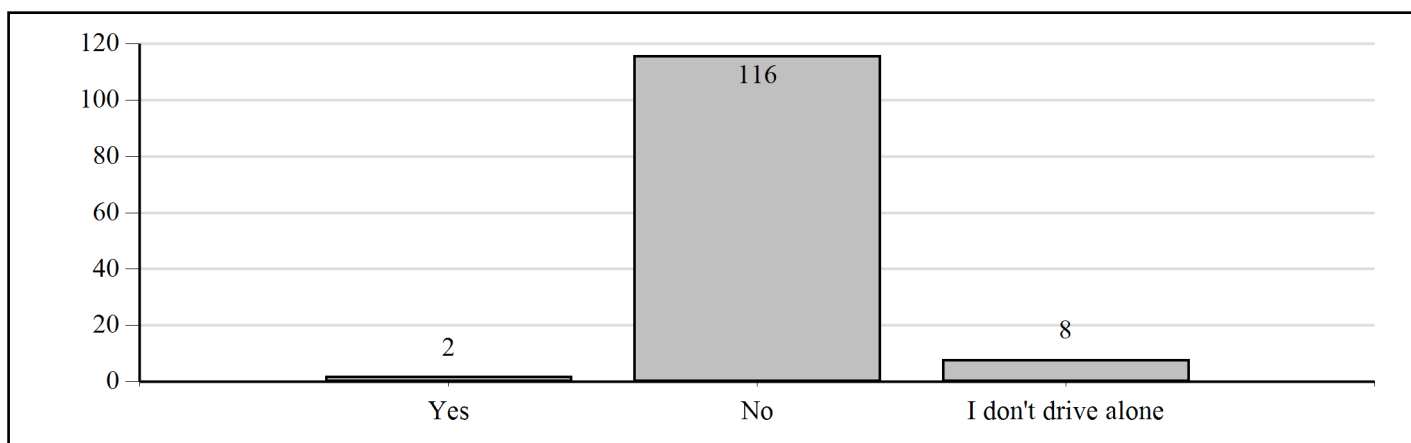
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	125	99.2%
4 days a week (4/10s)	0	0%
3 days a week	1	0.8%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	0	0%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.8%
I don't telework	16	12.6%
Occasionally, on an as-needed basis	35	27.6%
1-2 days/month	13	10.2%
1 day/week	37	29.1%
2 days/week	14	11.0%
3 days/week	11	8.7%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	66	22.4%
Financial incentives for carpooling, bicycling or walking.	51	17.3%
Environmental and community benefits	48	16.3%
Personal health or well-being	41	13.9%
To save time using the HOV lane	25	8.5%
To save money	22	7.5%
Free or subsidized bus, train, vanpool pass or fare benefit	12	4.1%
Other	11	3.7%
Driving myself is not an option	6	2.0%
Emergency ride home is provided	5	1.7%
Preferred/reserved carpool/vanpool parking is provided	4	1.4%
Cost of parking or lack of parking	3	1.0%
I receive a financial incentive for giving up my parking space	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	91	30.5%
I like the convenience of having my car	80	26.8%
Family care or similar obligations	44	14.8%
Other	24	8.1%
Bicycling or walking isn't safe	22	7.4%
My commute distance is too short	19	6.4%
My job requires me to use my car for work	12	4.0%
I need more information on alternative modes	6	2.0%
There isn't any secure or covered bicycle parking	0	0.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	19	14.96%	63	11	0	0	2	0	1	0	9	2	0	0	0
98072	7	5.51%	22	3	0	0	0	0	4	0	4	0	0	0	0
98034	5	3.94%	15	0	0	0	0	0	7	0	2	0	0	0	0
98074	5	3.94%	20	0	0	5	0	0	0	0	0	0	0	0	0
98021	4	3.15%	18	1	0	0	0	0	0	0	1	0	0	0	0
98027	4	3.15%	17	0	0	0	0	0	0	0	3	0	0	0	0
98033	4	3.15%	11	6	0	0	0	0	1	1	1	0	0	0	0
98004	3	2.36%	13	0	0	0	0	0	0	0	2	0	0	0	0
98012	3	2.36%	10	0	0	0	0	0	0	0	5	0	0	0	0
98028	3	2.36%	15	0	0	0	0	0	0	0	0	0	0	0	0
98065	3	2.36%	6	0	0	0	0	0	0	0	9	0	0	0	0
98122	3	2.36%	10	0	0	4	0	0	0	0	1	0	0	0	0
98144	3	2.36%	12	0	0	0	0	0	0	0	3	0	0	0	0
98007	2	1.57%	3	0	0	0	6	0	0	0	1	0	0	0	0
98011	2	1.57%	4	5	0	0	0	0	0	0	1	0	0	0	0
98023	2	1.57%	0	0	7	0	0	0	0	0	3	0	2	0	0
98029	2	1.57%	6	0	0	0	0	0	0	0	3	0	0	0	0
98038	2	1.57%	5	0	0	0	0	0	0	0	5	0	0	0	0
98042	2	1.57%	4	0	0	0	0	0	0	0	6	0	0	0	0
98045	2	1.57%	10	0	0	0	0	0	0	0	0	0	0	0	0
98053	2	1.57%	9	0	0	0	0	0	0	0	0	0	0	0	1
98056	2	1.57%	5	5	0	0	0	0	0	0	0	0	0	0	0
98059	2	1.57%	4	0	0	0	0	0	0	0	6	0	0	0	1
98075	2	1.57%	7	0	0	0	0	0	0	0	2	0	0	0	0
98077	2	1.57%	6	0	0	0	0	0	4	0	0	0	0	0	0
98115	2	1.57%	4	1	0	3	0	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98272	2	1.57%	7	1	0	0	0	0	0	0	2	0	0	0	0
	1	0.79%	4	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	0.79%	0	4	0	0	0	0	0	0	1	0	0	0	0
98005	1	0.79%	4	0	0	0	0	0	0	0	1	0	0	0	0
98006	1	0.79%	0	5	0	0	0	0	0	0	0	0	0	0	0
98008	1	0.79%	4	3	0	0	0	0	0	0	0	0	0	0	0
98019	1	0.79%	1	3	0	0	0	0	0	0	1	0	0	0	0
98024	1	0.79%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	1	0.79%	4	0	0	0	0	0	0	0	1	0	0	0	0
98032	1	0.79%	0	5	0	0	0	0	0	0	0	0	0	0	0
98036	1	0.79%	1	4	0	0	0	0	0	0	0	0	0	0	0
98037	1	0.79%	2	3	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.79%	3	0	0	0	0	0	0	0	0	0	0	0	2
98047	1	0.79%	4	0	0	0	0	0	0	0	1	0	0	0	0
98087	1	0.79%	5	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	0.79%	1	0	0	0	4	0	0	0	0	0	0	0	0
98108	1	0.79%	5	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.79%	5	0	0	0	0	0	0	0	0	0	0	0	0
98110	1	0.79%	0	0	0	0	0	0	0	0	5	0	0	0	0
98112	1	0.79%	0	0	0	0	4	0	0	0	1	0	0	0	0
98117	1	0.79%	4	0	0	0	0	0	0	0	1	0	0	0	0
98119	1	0.79%	1	0	0	0	0	0	0	0	4	0	0	0	0
98125	1	0.79%	2	1	0	0	0	0	0	0	2	0	0	0	0
98136	1	0.79%	5	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.79%	4	0	0	0	0	0	0	0	1	0	0	0	0
98198	1	0.79%	5	0	0	0	0	0	0	0	0	0	0	0	0
98223	1	0.79%	0	3	0	0	0	0	0	0	2	0	0	0	0
98270	1	0.79%	4	0	0	0	0	0	0	0	1	0	0	0	0
98290	1	0.79%	3	0	0	0	0	0	0	0	2	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98292	1	0.79%	1	3	0	0	0	0	0	0	1	0	0	0	0
98312	1	0.79%	0	0	0	0	0	0	0	0	5	0	0	0	0
98367	1	0.79%	0	0	0	0	0	0	0	0	2	0	3	0	0
98371	1	0.79%	0	0	0	0	0	4	0	0	1	0	0	0	0
98374	1	0.79%	1	0	0	0	0	0	0	0	5	0	0	0	0